



09-05-06

JRW

| AMENDMENT TRANSMITTAL LETTER  |                                  |                                |                             | Docket No.<br>07754/046001 |
|---|----------------------------------|--------------------------------|-----------------------------|----------------------------|
| Application No.<br>10/815,157-Conf. #8197   | Filing Date<br>March 31, 2004    | Examiner<br>D. L. Greene       | Art Unit<br>3663            |                            |
| Applicant(s): Michael Masterov et al.   |                                  |                                |                             |                            |
| Invention: METHOD AND APPARATUS FOR DETECTING HIGH-ENERGY RADIATION USING A PULSE MODE ION CHAMBER  |                                  |                                |                             |                            |
| <b>TO THE COMMISSIONER FOR PATENTS</b>  |                                  |                                |                             |                            |
| Transmitted herewith is an amendment in the above-identified application.   |                                  |                                |                             |                            |
| The fee has been calculated and is transmitted as shown below.  |                                  |                                |                             |                            |
| <b>CLAIMS AS AMENDED</b>  |                                  |                                |                             |                            |
|   | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate                       |
| Total Claims  | 12                               | - 20 =                         |                             | x                          |
| Independent Claims  | 2                                | - 3 =                          |                             | x                          |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>  |                                  |                                |                             |                            |
| Other fee (please specify):   |                                  |                                |                             |                            |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b> 0.00  |                                  |                                |                             |                            |
| <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity  |                                  |                                |                             |                            |
| <input checked="" type="checkbox"/> No additional fee is required for this amendment.   |                                  |                                |                             |                            |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____.<br>A duplicate copy of this sheet is enclosed.  |                                  |                                |                             |                            |
| <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.   |                                  |                                |                             |                            |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.   |                                  |                                |                             |                            |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0591<br>as described below. A duplicate copy of this sheet is enclosed. |                                  |                                |                             |                            |
| <input checked="" type="checkbox"/> Credit any overpayment.   |                                  |                                |                             |                            |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.  |                                  |                                |                             |                            |
| <u>Jeffrey S. Bergman</u> Dated: September 1, 2006  |                                  |                                |                             |                            |
| Jeffrey S. Bergman<br>Attorney/Agent Reg. No.: 45,925   |                                  |                                |                             |                            |
| OSHA · LIANG LLP<br>1221 McKinney St., Suite 2800<br>Houston, Texas 77010<br>(713) 228-8600   |                                  |                                |                             |                            |



Docket No.: 07754/046001  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Michael Masterov et al.

Application No.: 10/815,157

Confirmation No.: 8197

Filed: March 31, 2004

Art Unit: 3663

For: METHOD AND APPARATUS FOR  
DETECTING HIGH-ENERGY RADIATION  
USING A PULSE MODE ION CHAMBER

Examiner: D. L. Greene

**REPLY UNDER 37 CFR § 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated June 7, 2006, please reconsider this application in view of the following.